CONTENTS OF VOLUME 84

Volume 84 Nos. 1/2 September 1995

K. E. HAVENS / Insecticide (Carbaryl, 1-napthyl-N-methylcarbamate) Effects on a Freshwater Plankton Community: Zooplankton Size, Biomass, and Algal Abundance 1–10

M. A. ARMIENTA and A. QUÉRÉ / Hydrogeochemical Behavior of Chromium in the Unsaturated Zone and in the Aquifer of Leon Valley, Mexico 11–29

KUANG-CHUNG YU, SHIEN-TSONG HO, JIUNN-KAE CHANG and SHEUE-DUAN LAI / Multivariate Correlation of Water Quality, Sediment and Benthic Bio-Community Components in Ell-Ren River System, Taiwan 31–49

JANETTE PILARSKI, PAMELA WALLER and WILLIAM PICKERING / Sorption of Antimony Species by Humic Acid 51–59

J. MATEU, R. FORTEZA, V. CERDÁ and M. COLOM-ALTÉS / Comparison of Various Methods for the Determination of Inorganic Species in Airborne Atmospheric Particulates 61–79

LOTTA ANDERSSON, BERIT ARHEIMER and KARIN SUNDBLAD / Influence of Catchment Characteristics, Forestry Activities and Deposition on Nitrogen Export from Small Forested Catchments 81–102

N. CLARKE, L.-G. DANIELSSON and A. SPARÉN / Studies of Aluminium Complexation to Humic and Fulvic Acids Using a Method for the Determination of Quickly Reacting Aluminium 103–116

T. GEORGIADIS, F. ROSSI and F. NEROZZI / Inferring Ozone Deposition on Agricultural Surfaces: An Application to Herbaceous and Tree Canopies 117–128

IVAN J. FERNANDEZ, GREGORY B. LAWRENCE and YOWHAN SON / Soil-Solution Chemistry in a Low-Elevation Spruce-Fir Ecosystem, Howland, Maine 129–145

R. DE PASQUALE, A. RAPISARDA, M. P. GERMANÒ, S. RAGUSA, S. KIRJAVAINEN and E. M. GALATI / Effects of Cadmium on Growth and Pharmacologically Active Constituents of the Medicinal Plant *Coriandrum Sativum* L. 147–157

ALEXANDER JOKIĆ, RADIVOJE SREJIĆ, PETAR. A. PFENDT and JOANNA ZAKRZEWSKA / Characterization of Lake Sediment Humic Acids from the Ćelije Lake System Near Kruševac (Central Serbia) by ^{13}C and ^{1}H Solution NMR and ^{13}C CPMAS NMR 159–173

O. YENIGÜN and D. SOHTORIK / Calculations with the Level II Fugacity Model for Selected Organophosphorus Insecticides 175–185

LARS RAHM, BERTIL HÅKANSSON, PER LARSSON, ELISABETH FOGELQVIST, GUDRUN BREMLE and JORGE VALDERRAMA / Nutrient and Persistent Pollutant Deposition on the Bothnian Bay Ice and Snow Fields 187–201

Volume 84 Nos. 3/4 October 1995

C. LEYVAL, B. R. SINGH and E. J. JONER / Occurrence and Infectivity of Arbuscular Mycorrhizal Fungi in Some Norwegian Soils Influenced by Heavy Metals and Soil Properties 203–216

E. LYDERSEN / Effects of Cold and Warm Years on the Water Chemistry at the Birkenes Catchment, Norway 217–232

Water, Air, and Soil Polution **84**: 407–408, 1995.

H. IVARSSON and M. JANSSON / Sources of Acidity in Running Waters in Central Northern Sweden 233–251
C. J. WATRAS, K. A. MORRISON and N. S. BLOOM / Chemical Correlates of Hg and Methyl-Hg in Northern Wisconsin Lake Waters Under Ice-Cover 253–267
W. T. BAISDEN, J. D. BLUM, E. K. MILLER and A. J. FRIEDLAND / Elemental Concentrations in Fresh Snowfall across a Regional Transect in the Northeastern U.S.: Apparent Sources and Contribution to Acidity 269–286
T. J. S. KEIJZER and J. P. G. LOCH / Accumulation of HNO_3-Extractable Tin in Agricultural and Non-Agricultural Soils by the Use of Triphenyltin Acetate 287–301
V. MALESSA / Soil Acidification Gradients: Mode of Development, Status Quo and Classification 303–321
P. KUIK and H. TH. WOLTERBEEK / Factor Analysis of Atmospheric Trace-Element Deposition Data in The Netherlands Obtained by Moss Monitoring 323–346
L. J. SHEPPARD, I. D. LEITH, C. M. S. SMITH and V. KENNEDY / Effects of Soil Chemistry on the Response of Potted Sitka Spruce to Acid Mist in Open-Top Chambers 347–366
G. HUHN, H. SCHULZ, H.-J. STÄRK, R. TÖLLE and G. SCHÜÜRMANN / Evaluation of Regional Heavy Metal Deposition by Multivariate Analysis of Element Contents in Pine Tree Barks 367–383
T. A. TAWFIC, K. J. REDDY, S. P. GLOSS and J. I. DREVER / Reaction of CO_2 with Clean Coal Technology Ash to Reduce Trace Element Mobility 385–398
C. K. WONG, K. H. CHU and F. F. SHUM / Acute and Chronic Toxicity of Malathion to the Freshwater Cladoceran *Moina Macrocopa* 399–405
Volume Contents 407–408